

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/641,332	04/30/96	POPAT	G 115-059

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SUITE 3800  
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103M1/0709

EXAMINER

KRYNSKI, W

ART UNIT	PAPER NUMBER
1317	

DATE MAILED: 07/09/97

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

<b>Office Action Summary</b>	Application No. <b>08/641,332</b>	Applicant(s) <b>Popat</b>
	Examiner <b>W.A. Krynski</b>	Group Art Unit <b>1317</b>

Responsive to communication(s) filed on Apr 30, 1996

This action is FINAL.

Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

#### Disposition of Claims

Claim(s) 1-56 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

Claim(s) \_\_\_\_\_ is/are allowed.

Claim(s) 1-56 is/are rejected.

Claim(s) \_\_\_\_\_ is/are objected to.

Claims \_\_\_\_\_ are subject to restriction or election requirement.

#### Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

The proposed drawing correction, filed on \_\_\_\_\_ is  approved  disapproved.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

#### Priority under 35 U.S.C. § 119

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All  Some\*  None of the CERTIFIED copies of the priority documents have been received.

received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

#### Attachment(s)

Notice of References Cited, PTO-892

Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

Interview Summary, PTO-413

Notice of Draftsperson's Patent Drawing Review, PTO-948

Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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**Part III DETAILED ACTION**

***Election/Restriction***

1. An restriction was requested of applicant's representative. Applicant's representative did elected a group. Upon further consideration by the Examiner, the restriction is withdrawn. Claims 1-56 are withdrawn.

***Claim Rejections - 35 USC § 112***

2. Claims 1-56 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In particular:

a. In claim 1, the expression "extending substantially the thickness of said sheet" is vague and indefinite. How much is substantially? It is not clear if "extending" refers to the length or the depth of the line. It is not clear what is the difference between "substantial-cut lines" and "weakened separation lines". It is not clear what is meant that the sheet is "adapted to be passed". How is it adapted?

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b. In claim 5, the structure is not clear. If "spaced weakened separation lines" are "through-cut lines cut all of the way through", it is not clear how these lines are different from "substantial cut lines".

c. In claim 12, it is not clear what is meant by "substantial-cut line cut substantially both not all of the way through". It is not clear how much is substantial. It is not clear what the length of the line is.

d. In claim 22, the structure is not clear. It is not clear how an edge can be defined by "through-cut lines".

e. In claim 41, "dimensioned as separate media" is vague and indefinite

f. In claim 50, it is not clear what is the difference between "substantial-cut line" and "weakened separation line".

g. In claim 52, the structure is not clear. If there is a weakened line then how could a weakened line further comprise an elongate through-cut line.

*Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

4. Claims 1 and 41 are rejected under 35 U.S.C. § 102(e) as being anticipated by Bishop et al.

5. Bishop et al. discloses sheet stock with perforations that can be subjected to die cutting or scoring in addition to perforation lines.

6. The limitations of the claims are met by the disclosure of the reference.

*Claim Rejections - 35 USC § 103*

7. The following is a quotation of 35 U.S.C. § 103 which forms the basis for all obviousness rejections set forth in this Office action:

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section

102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

8. Claims 1-54 are rejected under 35 U.S.C. § 103 as being unpatentable over DE 42 40 825 A1 in view of Bishop et al.

9. DE 42 40 825 A1 discloses printing stock comprising perforated lines and cutting lines. The arrangement of the lines and perforations depends upon the size of the card (see translation, whole document, especially, page 2, 3, 4, 7 and 13).

10. Bishop et al. teaches sheet stock that can be 1-10 mls (see col.4, lines 10-20) and that the location of perforations depends upon the type of printing job for which the sheet will be used (col.4, lines 30-35) and the sheet can be subjected to die cutting or scoring in addition to perforation lines.

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11. It would have been obvious to one of ordinary skill in the art to have combined the references in an effort to have a sheet assembly that could be used in a printer or copier. The location of the lines and perforations would depend upon the printing job and card to be made.

12. As shown in In re Aller 105 USPQ 233 (CCPA 1955), routine experimentation, optimum ranges or use of preferred materials are generally not given patentable weight or would have been obvious improvements. The claims are found to be obvious over the references.

13.

**Crystal Mall 1 Fax Center**

A facsimile center has been established in Crystal Mall 1, 8th floor for Art Unit 1317. The hours of operation are Monday through Friday, 8:45 AM to 4:45 PM. The telecopier number for accessing the facsimile machine is (703) 305-5436. This new location should be used in all instances when faxing any correspondence to Group 130, Art Unit 1317. The existing facsimile center for the Patent Examining Corps can be used as a backup if you are unable to reach the Crystal Mall 1 center. The existing Patent Examining Fax Center telecopier numbers are (703) 308-3718 and (703) 308-3721. Use of the new Crystal Mall 1 center will facilitate rapid delivery of materials to Art Unit 1317. The faxing of all papers must conform with the notice published in the Official Gazette, 1096 O.G. 30 (November 15, 1989).

14. Any inquiry concerning this communication should be directed to Bill Krynski at telephone number (703) 308-2376. The examiner

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can normally be reached Tuesday - Friday from 7:00 AM - 5:30 PM (EST) .

15. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Ryan, can be reached on (703) 308-2383.

16. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0651.

*WAK*  
WILLIAM KRYNSKI  
PRIMARY EXAMINER  
GROUP 1300

W.A.Krynski  
July 2, 1997

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
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Amendment to Paper No. \_\_\_\_\_

**NOTICE OF INFORMAL APPLICATION**  
(Attachment to Office Action)

This application does not conform with the rules governing applications for the reason(s) checked below. The period within which to correct these requirements and avoid abandonment is set in the accompanying Office action.

A. A new oath or declaration, identifying this application by the application number and filing date is required. The oath or declaration does not comply with 37 CFR 1.63 in that it:

1.  does not identify the city and state or foreign country of residence of each inventor.
2.  does not identify the citizenship of each inventor.
3.  does not state whether the inventor is a sole or joint inventor.
4.  does not state that the person making the oath or declaration:
  - a.  has reviewed and understands the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration.
  - b.  believes the named inventor or inventors to be the original and the first inventor or inventors of the subject matter which is claimed and for which a patent is sought.
  - c.  acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.
5.  does not identify the foreign application for patent or inventor's certificate on which priority is claimed pursuant to 37 CFR 1.55, and any foreign application having a filing date before that of the application on which priority is claimed, by specifying the application serial number, country, day, month, and year of its filing.
6.  does not state that the person making the oath or declaration acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and filing date of the continuation-in-part application which discloses and claims subject matter in addition to that disclosed in the prior application (37 CFR 1.63(d)).
7.  does not include the date of execution.
8.  does not use permanent ink, or its equivalent in quality, as required under 37 CFR 1.52(a).
9.  contains non-initialed alterations (See 37 CFR 1.52(c)).
10.  Other:

B. Applicant is required to provide:

1.  A statement signed by applicant giving his or her complete name. A full name must include at least one given name without abbreviation as required by (37 CFR 1.41(a)).
2.  Proof of authority of the legal representative under 37 CFR 1.44.
3.  An abstract in compliance with 37 CFR 1.72(b).
4.  A statement signed by applicant giving his or her complete post office address (37 CFR 1.33(a)).
5.  A copy of the specification written, typed, or printed in permanent ink, or its equivalent in quality as required by 37 CFR 1.52(a).
6.  Other: *Specification mis-numbered*